

FIG.2

#### **HOME AGENT 10**

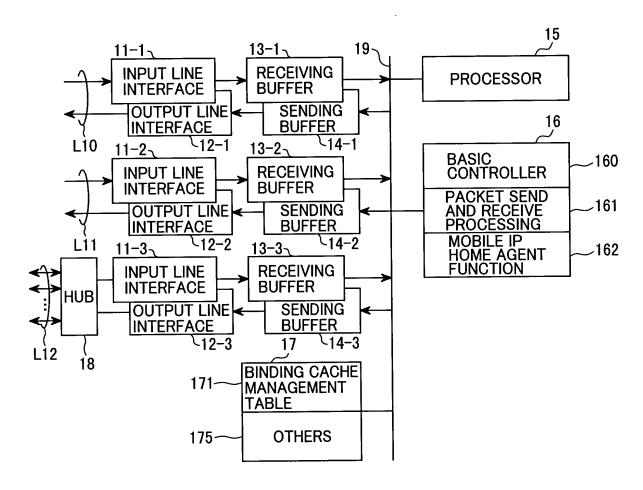
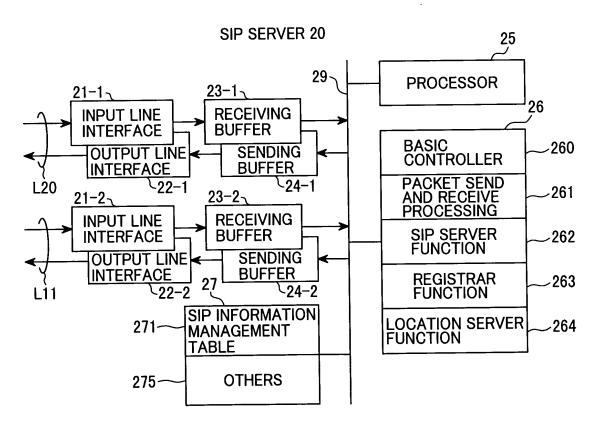


FIG.3

RINDING	CACHE	<b>MANAGEMENT</b>	<b>TABLE 171</b>
טאוולוווח	UMULIL		

1 <b>7</b> 11	1712	2 1713	3 1714	1718	5
HOME ADDRESS	CoA	LIFETIME	SEQUENCE NUMBER FOR AUTHENTICATION	OTHERS	4740.4
					1710-1
					1710-2
:	:	:	:	:	

FIG.4



#### SIP INFORMATION MANAGEMENT TABLE 271

	<b>27</b> 11	2712	2713	2714	2715 سے	
	SIP IDENTIFIER (SIP-URI)	TERMINAL LOCATION INFORMATION	EXPIRES	CALL-ID	SEQUENCE NUMBER (CSeq)	
Ì	XXXXXXXXX	xxxxxxxx	xxxxxx	XXXXXX	XXXX	2710-1
Ì	XXXXXXXXX	xxxxxxxx	xxxxxx	XXXXXX	XXXX	2710-2
		:	:		:	
	userMN@home.com	userMN@mn6	XXXXXX			2710-n

FIG.6

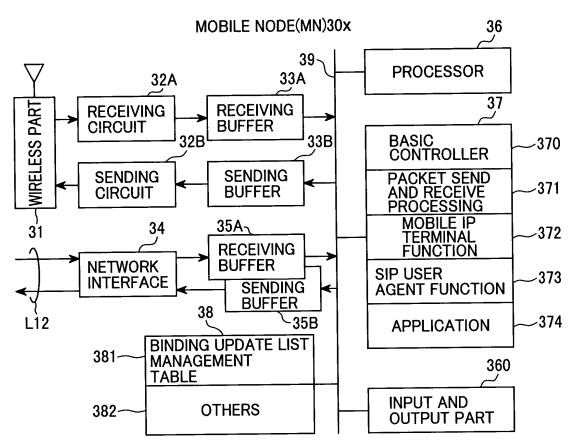


FIG.7
BINDING UPDATE LIST MANAGEMENT TABLE 381

<b>38</b> 11	3812	38 	13 3814	3815	3816	
DESTINATION ADDRESS OF BINDING UPDATE	MN HOME ADDRESS	CoA	LIFETIME	SEQUENCE NUMBER FOR AUTHENTICATION	OTHERS	
						<b>~~3810−1</b>
						<b>~</b> 3810−2
÷	÷	:	i	:	:	

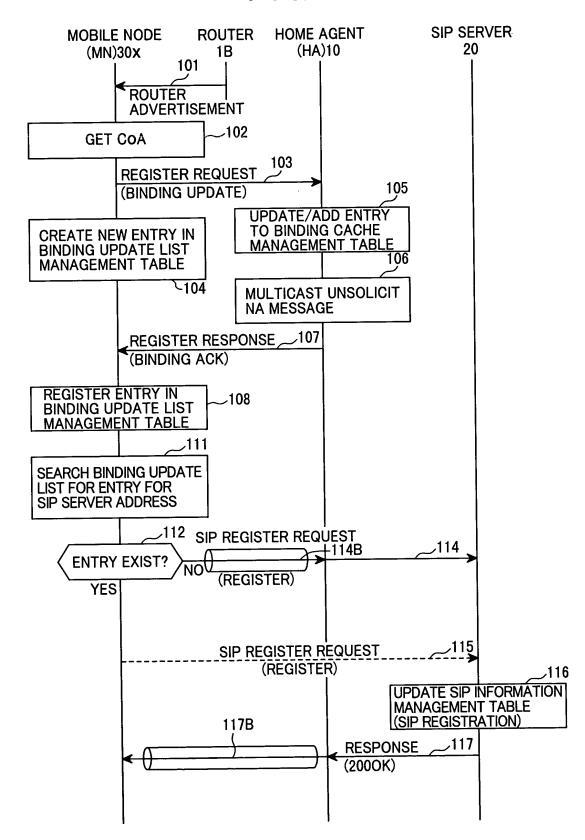
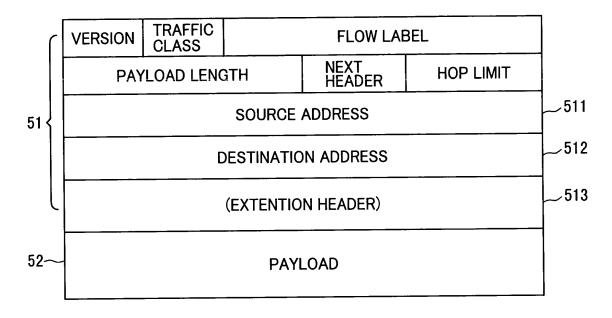


FIG.9

#### **IPv6 PACKET 50**



## **FIG.10**

#### **ROUTER ADVERTISEMENT MESSAGE 60**

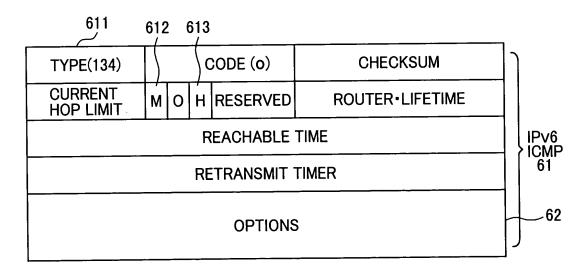


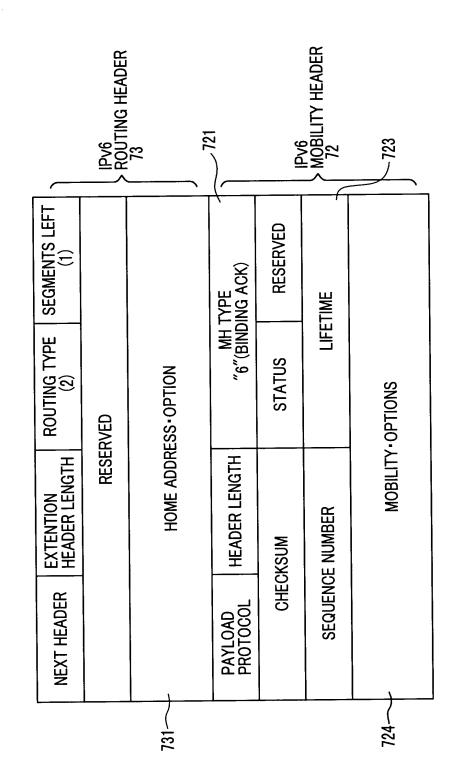
FIG.11

BINDING UPDATE MESSAGE 70A

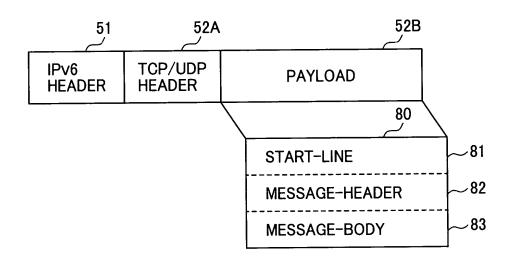
| IPv6 DESTINATION > OPTIONS HEADER 71 IPv6 > MOBILITY HEADER 72 **OPTION LENGTH** MH TYPE "5"(BINDING UPDATE) SEQUENCE NUMBER LIFETIME OPTION TYPE (201) HOME ADDRESS OPTION MOBILITY OPTIONS EXTENTION HEADER LENGTH HEADER LENGTH RESERVED CHECKSUM **NEXT HEADER** PAYLOAD PROTOCOL Δ ഗ I

FIG.12

BINDING ACKNOWLEDGEMENT MESSAGE 70B

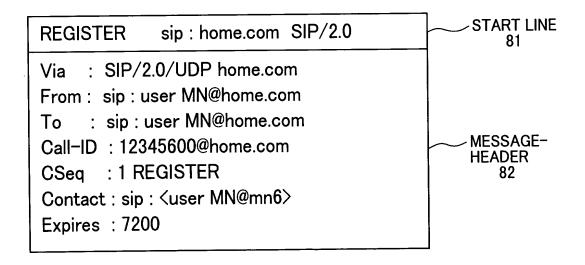


#### SIP MESSAGE PROTOCOL STACK

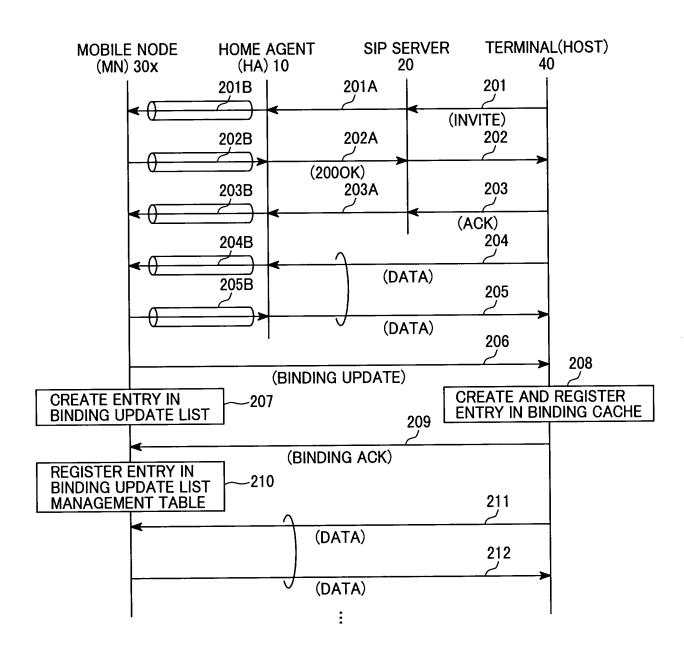


### **FIG.14**

#### SIP REGISTER MESSAGE 80A



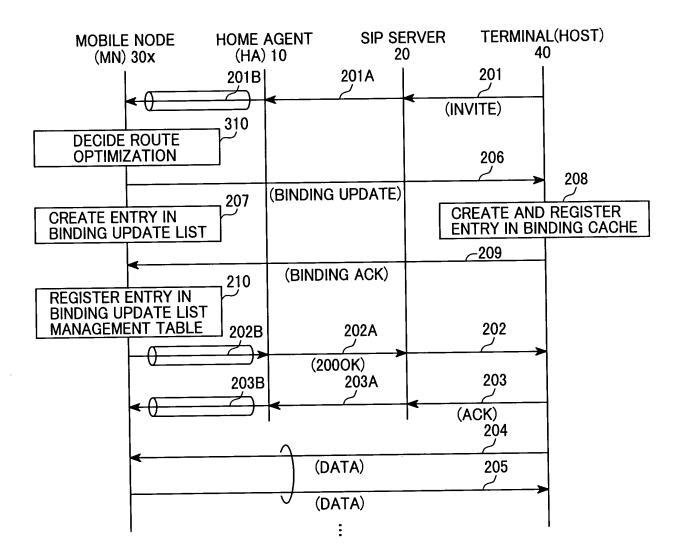
**FIG.15** 

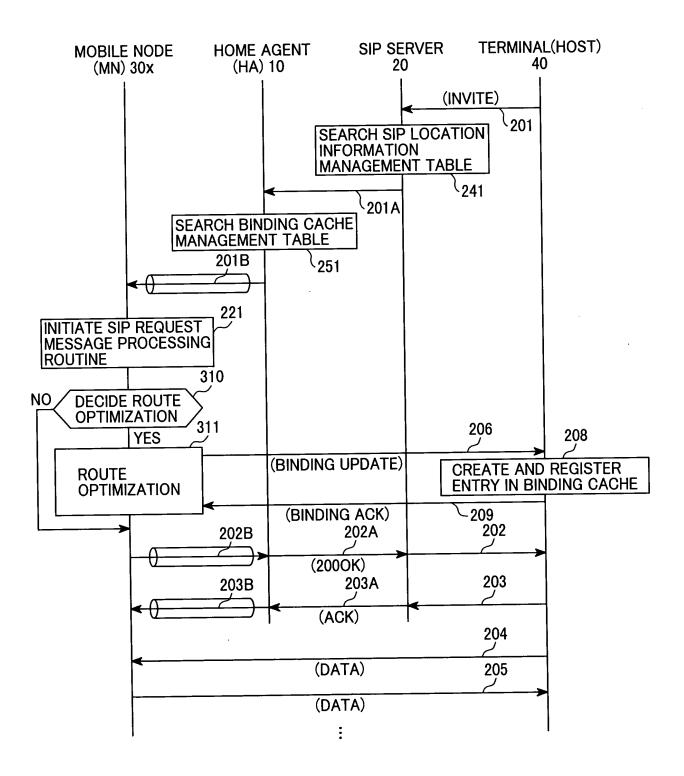


#### SIP INVITE MESSAGE 80B

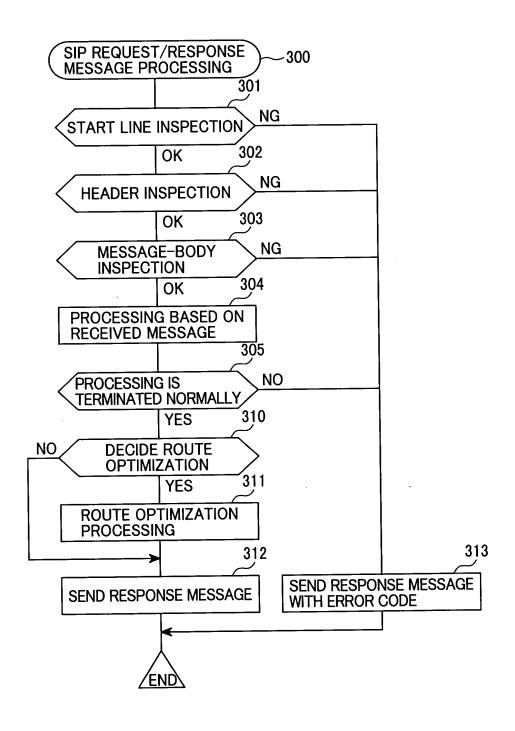
INVITE sip: user MN@home.com SIP/2.0	START LINE 81
Via : SIP/2.0/UDP cn6 From : sip : user CN@home.com ; tag=123 To : sip : user MN@home.com Call-ID : 12345@cn6 CSeq : 1 INVITE Contact : <sip :="" cn@cn6="" user=""> Content-Type : application/sdp</sip>	MESSAGE- HEADER 82
v = 0 o = User C 123 456 IN IP6 user CN.home.com c = IN IP6 cn6 m = audio 45678	MESSAGE- BODY 83

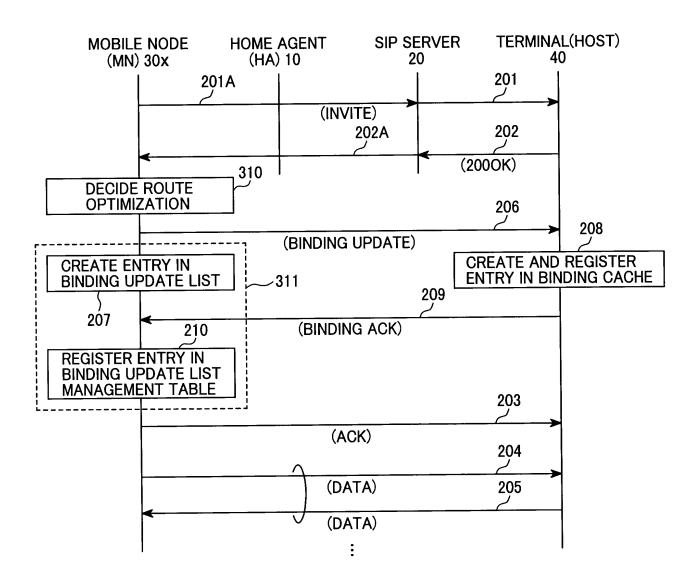
FIG.17

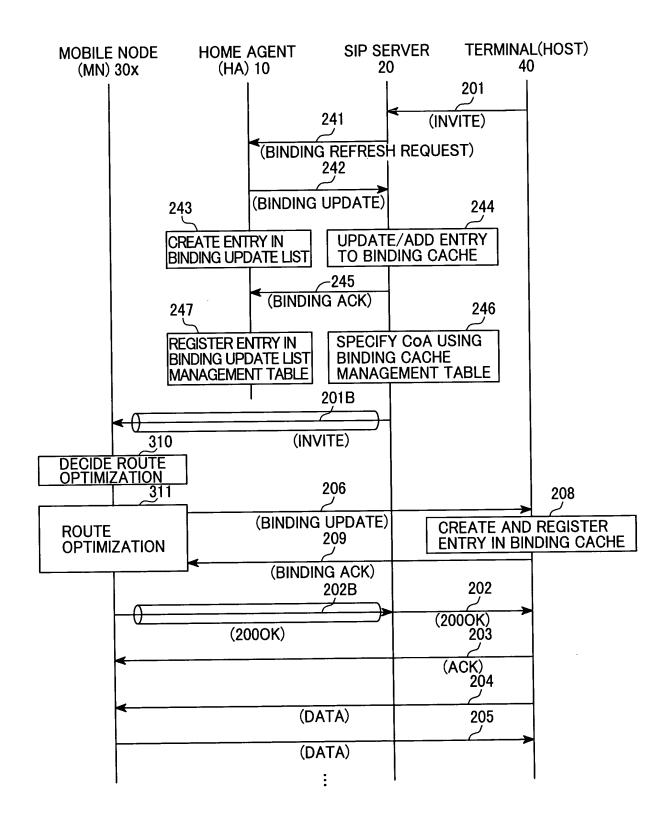


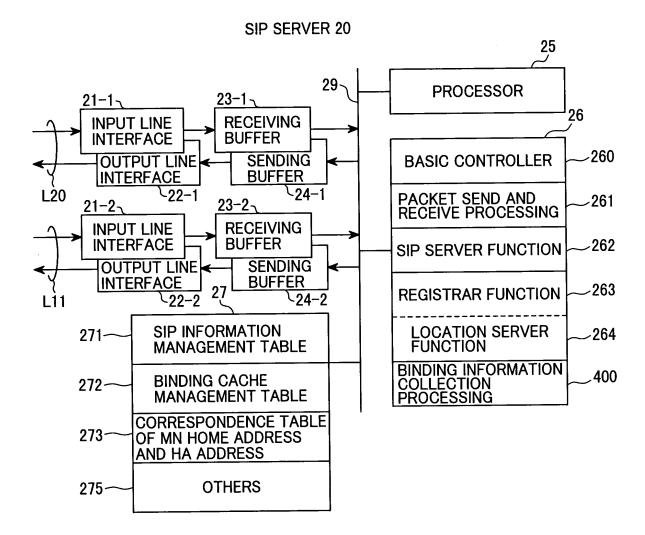


**FIG.19** 









# CORRESPONDENCE TABLE OF MN HOME ADDRESS AND HA ADDRESS 273

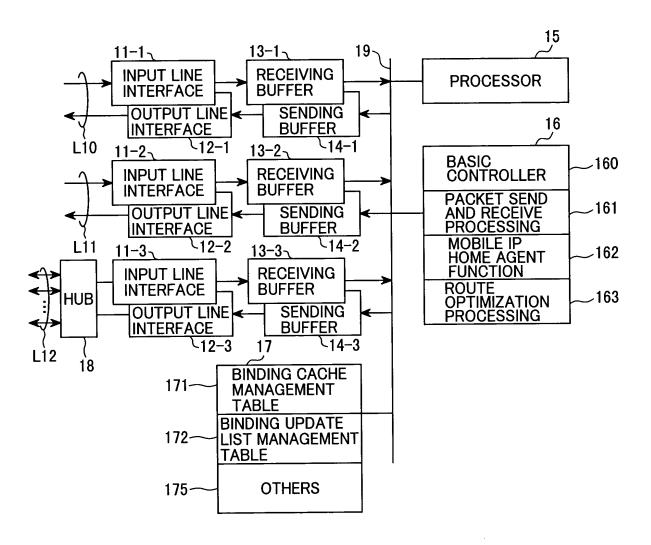
2731 	2732	
MN HOME ADDRESS	HA ADDRESS	
		<b>~_2730−1</b>
		2730-2
:	:	

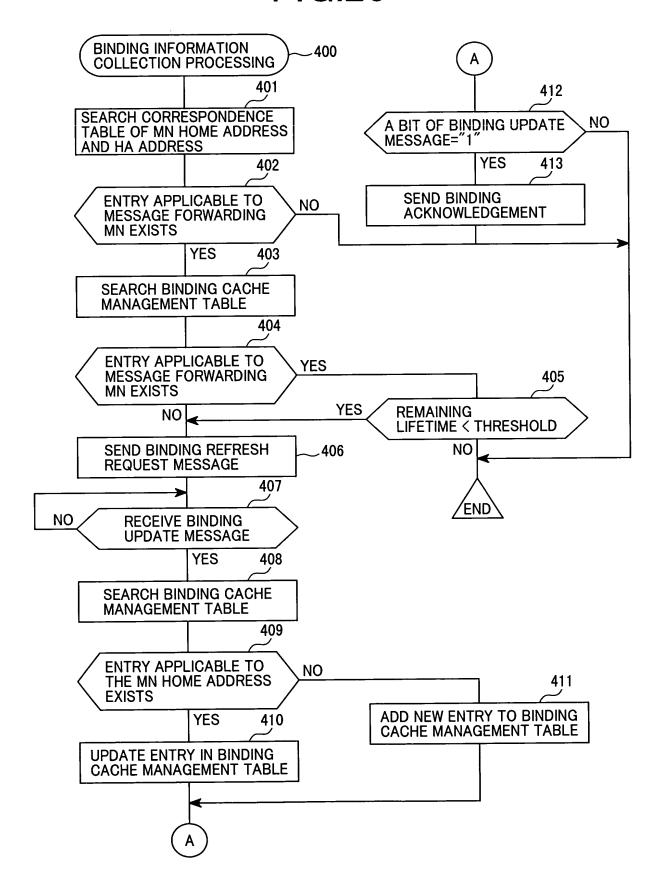
## **FIG.24**

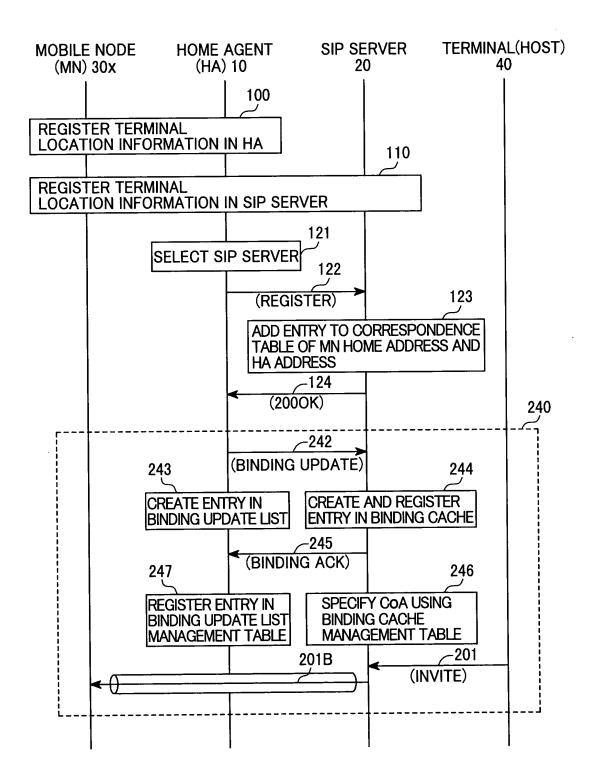
#### BINDING REFRESH REQUEST MESSAGE 70C

PAYLOAD PROTOCOL	HEADER LENGTH	MH TYPE "0"(BINDING REFRESH REQUEST)	<u>)</u>
CHEC	KSUM	RESERVED	IPv6   MOBILITY
	MOBILITY	OPTIONS	HEADER 72
		724	 <b>1</b>

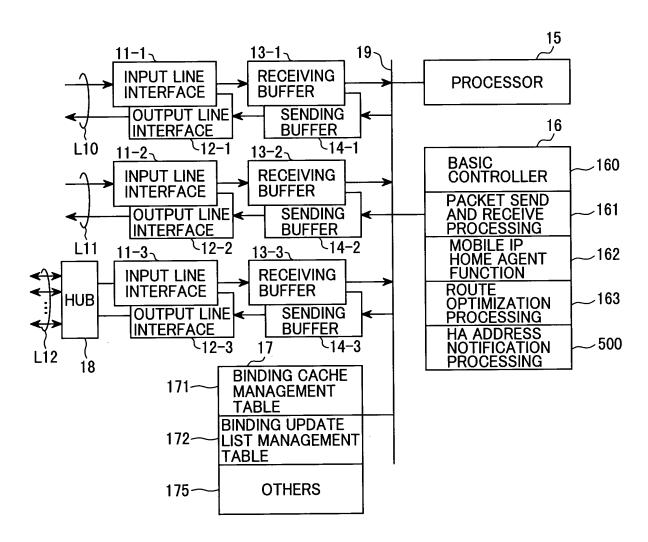
#### **HOME AGENT 10**

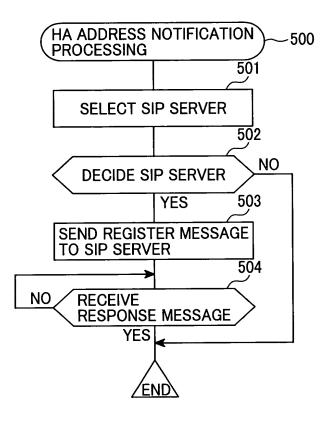






#### **HOME AGENT 10**





#### SIP REGISTER MESSAGE 80C

REGISTER sip: home.com SIP/2.0
Via: SIP/2.0/UDP home.com
From: sip: user MN@home.com
To: sip: user MN@home.com
Call-ID: 12345600@home.com
CSeq: 1 REGISTER
Contact: <sip: user MN@mn6>
Expires: 7200
HomeAgent: ha6